

U.S. VETERANS HOSPITAL, JEFFERSON BARRACKS, COOLING
TOWER

(Veterans Administration Facility, Jefferson Barracks, Building No. 82)

(Veterans Administration Hospital, Jefferson Barracks)

(Department of Veterans Affairs Medical Center, Jefferson Barracks
Division)

VA Medical Center, Jefferson Barracks Division

1 Jefferson Barracks Drive

Saint Louis

Independent City

Missouri

HABS MO-1943-AF

MO-1943-AF

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN BUILDINGS SURVEY

National Park Service

U.S. Department of the Interior

1849 C Street NW

Washington, DC 20240-0001

HISTORIC AMERICAN BUILDINGS SURVEY

U.S. VETERANS HOSPITAL, JEFFERSON BARRACKS, COOLING TOWER

HABS No. MO-1943-AF

Location: Building 82, VA Medical Center, 1 Jefferson Barracks Drive,
St. Louis, Missouri
USGS Quadrangle Oakville, Missouri
UTM Coordinates 16 7257816 E 9965747 N

Date of Construction: 1989

Designer: U.S. Veterans Administration (VA)

Contractor: Unknown

Present Owner: U.S. Department of Veterans Affairs (VA)

Present Use: Cooling Tower

Significance: This facility was constructed as part of 1980s utility upgrades to the St. Louis VA Medical Center, Jefferson Barracks Division.

Project Information: This project was sponsored and funded by the U.S. Department of Veterans Affairs as mitigation for the demolition of buildings at the St. Louis VA Medical Center, Jefferson Barracks Division, a property that has been determined eligible for the National Register of Historic Places via consensus determination of eligibility between the U.S. Department of Veterans Affairs and the Missouri Department of Natural Resources State Historic Preservation Office.

Description:

The Cooling Tower (Building 82) is an outdoor piece of cooling equipment with no interior spaces, located east of the Boiler House complex (Buildings 70, 71, and 70A). The tower is a one-story metal structure with an open metal grid on the north and south sides, and corrugated metal walls on the east and west sides. It has two large metal cylinders on the roof and a steel pipe railing. The location of the Cooling Tower is north of a large asphalt parking lot, in the northern portion of the medical center, which is dominated by utility facilities. Cooling towers are generally associated with power plants and are used to cool down water by partially evaporating water.

History:

The Cooling Tower was built in 1989 to augment cooling facilities in Boiler House 2 (Building 70/70A/71).¹ Cooling towers generally cool down water that can be used in turn for cooling purposes in facilities that use steam boilers or turbines for generating heat or electrical power. As part of future development plans for the hospital, the Cooling Tower and Boiler House 2 will be demolished, and the land will be turned over to the Jefferson Barracks National Cemetery for expanding the cemetery's burial grounds.

Sources:

U.S. Department of Veterans Affairs. *Annual Real Property Survey Report, Building Numbers and Locations, Jefferson Barracks VAMC*. 1990. On file at St. Louis VA Medical Center, Jefferson Barracks Division, Building 3T.

Historians:

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¹ U.S. Department of Veterans Affairs, *Annual Real Property Survey Report, Building Numbers and Locations, Jefferson Barracks VAMC*, 1990, on file at St. Louis VA Medical Center, Jefferson Barracks Division, Building 3T.